

BASIC OPERATING INSTRUCTIONS FOR THE GEMC-SERIES COMMERCIAL FIRE ALARM SYSTEM

To Access control functions (such as SILENCE, RESET, ACK buttons etc.) keypad must be "unlocked" by entering code then pressing ENTER (UNLOCK). Keypad will remain unlocked until relocked or approximately 5 minutes of inactivity.

STANDBY

SYSTEM NORMAL	
11/01/12	12:05 AM

This is the normal mode. The keypad LCD displays "SYSTEM NORMAL" above current date and time. Green AC ON light is lit.

ALARM

FIRE Z123 001 XX/XX/XX HH:MM AM	123-SMK NW STAIR 3 RD FLOOR
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LCD displays initial fire alarm, "FIRE ZXXX" and the EVENT# on the first line with the date and time of the alarm on the second line, then scrolls to the description of the zone in alarm. The FIRE LED flashes and alarm sounders / indicators are active.

FIRE Z123 001> XX/XX/XX HH:MM AM	123-SMK NW STAIR 3 RD FLOOR
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Note: The ">" following the EVENT# indicates additional information; press **PRIOR** or **NEXT** to view.

SUPERVISORY

SUPV Z123 001> XX/XX/XX HH:MM AM	123-SMK NW STAIR 3 RD FLOOR
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SILENCE ALARM

"Unlock" keypad, press **ACK** and then press **SILENCE**. After sounder silences, the **SILENCED** icon turns on and **FIRE LED** changes from flashing to steady.

RESET ALARM

"Unlock" keypad, then press **RESET**. LCD prompts "ATTEMPTING RESET ... Please WAIT 15 sec". If all Fire devices/zones reset and troubles restore, the "SYSTEM NORMAL" display will return.

ALARM TEST

LCD must display "SYSTEM NORMAL" before initiating test.

To initiate system test (s):

"Unlock" keypad, press **MENU** until "DO FIRE DRILL" displays. Press **YES** or **ENTER**. Follow WI instructions.

TROUBLE

LCD displays initial trouble "SYSTRbl... XXX" (if highest priority condition) and **TROUBLE** icon flashes.

Note: The ">" following the EVENT# indicates additional information; press **PRIOR** or **NEXT** to view.

SILENCE TROUBLE

"Unlock" keypad, then press **ACK** or **RESET**. Trouble sounder silences and **TROUBLE** icon changes from flashing to steady.

RESET TROUBLE

"Unlock" keypad when the **TROUBLE** icon is steady, press **RESET**. LCD prompts "ATTEMPTING RESET...Please WAIT 15 sec". If all fire devices reset and troubles restore, the "SYSTEM NORMAL" display will return and the **TROUBLE** icon will extinguish.

OFF-NORMAL POSITION OF CIRCUITS

To Disable a Zone / Output Circuit:

"Unlock" keypad, then press **MENU** until "ZONE DIRECTORY / "OUTPUT DIRECTORY" option displays. Press **YES** or **ENTER**. Scroll to desired zone/output using **NEXT** and/or **PRIOR** buttons (or press the desired zone/external output number)

then press **ENTER**. Press **SILENCE (DISABLE)** button. Press **RESET** to exit menu. Trouble sounder sounds, **DISABLED** icon and **TROUBLE** icon flash. Press **SILENCE** or **ACK** to silence sounder and change icons from flashing to steady on.

To Disable Remote Reporting:

"Unlock" keypad using either a **Master Security Code** or **Dealer Keypad Program Code**, then press **MENU** until "DISABLE REMOTE REPORTING" option displays. Press **YES** or **ENTER**. Press **RESET** to exit menu. Trouble sounder sounds, **DISABLED** icon and **TROUBLE** icon flash. Press **SILENCE** or **ACK** to silence sounder and change icons from flashing to steady on.

RESTORE ZONE / OUTPUT

LCD **TROUBLE** icon and **DISABLED** icon are on. "Unlock" keypad, then press **MENU** until "ZONE DISABLE / OUTPUT BYPASSED" option displays. Press **YES** or **ENTER**. Press **NEXT** and/or **PRIOR** until desired zone/output displays. Press **YES** or **ENTER**. The **DISABLE** icon turns off. Press **RESET** to exit menu. If all other conditions are restored, the "SYSTEM NORMAL" display will return.

If Remote Reporting is disabled, "Unlock" keypad using either a **Master Security Code** or **Dealer Keypad Program Code**, then press **MENU** until "ENABLE REMOTE REPORTING" option displays. Press **YES** or **ENTER**. Press **RESET** to exit menu. If all other conditions are restored, the "SYSTEM NORMAL" display will return.

FUNCTIONS OF DISPLAYS

- **LCD** - Displays initial highest priority condition, system status, Menu options and details.
- **SUPV Icon** - Flashes in supervisory alarm; steady when silenced.
- **TROUBLE Icon** - Flashes when fire system is in trouble (or zone/output disabled); steady when silenced / acknowledged.
- **DISABLED Icon** - Flashes when zones or circuits are disabled; steady when silenced or acknowledged.
- **SILENCED Icon** - On steady when fire alarm is silenced.
- **FIRE LED** - Flashes when in fire alarm; steady when silenced.
- **AC ON LED** - On when AC power is present; off when AC power is absent.

FUNCTIONS OF BUTTONS

- **Numbers 0-9** - Used to enter user codes to "unlock" the system; view status, access functions or select zone/output.
- **MENU** - Press to display / scroll through menu options (when system is unlocked).
- **SILENCE (DISABLE)** - Silences alarm sounders (when system is unlocked). In the ZONE DIRECTORY, ZONE DISABLE, OUTPUT DIRECTORY or OUTPUT BYPASSED MENU displays; this button toggles the displaying zone/output between disabled and un-disabled.
- **RESET** - Acknowledges condition (s) have been viewed (flashing icons changed to steady), thus allowing new conditions to display clearly with flashing icons. Initiates reset sequence, allowing alarms, supervisory conditions and troubles to restore.
- **ENTER (UNLOCK)** - Press to enter user code or activate displayed menu option.
- **NEXT** - Activates the displayed menu option (when system is unlocked) or prompts the next zone/output to display.
- **PRIOR** - Prompts for the previous zone/output to display (when system is unlocked).
- **ACK.** - Acknowledges condition (s) have been viewed (flashing icons changed to steady), thus allowing new conditions to display clearly with flashing icons.

ADVANCED MENU FUNCTIONS

- **LOCK KEYPAD** - Immediately locks keypad against affecting any system operation.
- **DISPLAY FIRE LOG** - For Fire Chief / serviceman use. See OI341.

FUSE REPLACEMENT

Contact service representative for replacement or repair.

CAUTION: For continued protection against risk of fire, replace only with the same type and rating of fuse. See WI1653.

BATTERY MAINTENANCE AND REPLACEMENT

Battery must be inspected annually, and replaced every 4 years or as necessary.

MAINTENANCE

Maintain in accordance with NFPA 72 requirements.

OI343 08/10

Local Service Representative: _____

Address and Telephone Number: _____

Notes: (1) If panel sounder is on, call for service. (2) A complete functional check-out of the control unit is required following any programming or reprogramming. (3) This page is to be framed and mounted adjacent to the control unit.